



# Agriculture Across Michigan

## USDA to Determine 2014 Crop Yields

As farmers wrap up the 2014 growing season, the USDA will conduct three major surveys to determine 2014 crop acreage and yields, as well as, hog inventories. These three surveys, the 2014 Row Crops County Agricultural Production Survey (CAPS), the December Agricultural Survey, and the December Hog Report, will be used to establish final 2014 crop acreage, yield, and production estimates, as well as, winter wheat and rye seedings, grain stocks, and hog inventories and farrowings. Estimates of acreage, yield, and production of corn, soybeans, and dry beans by county will also be set using the data farmers provide on these surveys.

The USDA will contact approximately 5,500 Michigan farmers and ask them to provide their 2014 acreage and crop or hog production data. Each report is critical to ensure data reliability.

Most selected farmers will receive a questionnaire in the mail. Those not responding by mail will receive a follow up telephone call or personal visit. Producers receiving questionnaires in the

mail are encouraged to complete and return the questionnaire promptly. Completing the surveys on the internet is also an option for all three surveys. Individual reports from farmers are kept confidential and are summarized to set county, state, and national estimates of crop production.

The Hogs and Pigs report based on the December Hog survey will be released Tuesday, December 23 at 3:00 pm Eastern. The Crop Production, Grain Stocks, and Winter Wheat Seedings reports based on the December Agricultural Survey will be released Monday, January 12 at 12:00 pm Eastern. County level estimates for oats and wheat will be available in the Quick Stats database on December 11 at 3:00 pm Eastern. County level estimates for corn and soybeans will be available in the Quick Stats database on February 19 at 3:00 pm Eastern.

If you have questions about the surveys or releases, please contact the USDA, NASS, Great Lakes Regional Office at 1-800-453-7501.

## Potato Production

Michigan's 2014 potato crop was forecast to be 15.7 million hundredweight (cwt), 1 percent lower than a year ago. Planted acres, at 43,000, decreased 1,500 acres from last year. Harvested acres, at 42,500, were down from 44,000 in 2013. Average yield, forecasted at 370 cwt per acre, was 10 cwt higher than the previous year, and if realized, represents a record high. The first

potato stocks estimate for the 2014 crop year will be released December 12, 2014.

Nationally, production of fall potatoes for 2014 is forecast at 406 million cwt, up 3 percent from 2013. Area harvested, at 926,200 acres, is down 2 percent from the previous forecast and slightly below the 2013 estimate. The average yield forecast, at 439 cwt per acre, is up 14 cwt per acre from a year ago.

### Fall potato summary, November 2014

Item	Michigan					United States		
	2012	2013	2014	Record high	Year set	2012	2013	2014
Planted ..... 1,000 acres	47.0	44.5	43.0	NA	NA	1,007.8	939.3	933.8
Harvested ..... 1,000 acres	46.0	44.0	42.5	374.0	1895	994.9	930.5	926.2
Yield ..... Cwt	350	360	370	370	2013	422	425	439
Production ..... 1,000 Cwt	16,100	15,840	15,725	23,256	1904	420,030	395,275	406,195

## October Agricultural Prices

Prices received by Michigan farmers for the full month of September 2014 and mid-month prices as of October 15, 2014 are listed in the table below. Some Michigan highlights were: October corn, at \$3.30 per bushel, decreased \$0.25 from September and decreased \$1.16 from last year; October soybeans, at \$9.70 per bushel, decreased \$1.50 from last month and decreased \$2.70 from last year; October wheat, at \$5.55 per bushel, decreased \$0.02 from September and decreased \$1.21 from last year; October milk, at \$26.20 per cwt., was unchanged from last month, and increased \$5.20 from last year.

The preliminary Agricultural Production Index of Prices Received by Farmers in October, at 98 percent, based on 2011=100, fell 9 points (8.4 percent) from September. The Crop

Index decreased 9 points (10 percent) but the Livestock Index increased 4 points (3.0 percent). Producers received lower prices for soybeans, corn, and milk and higher prices for hogs, calves, and cattle. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly movement of soybeans, corn, cotton, and calves offset the decreased marketing of cattle, milk, broilers, and wheat.

The preliminary Agricultural Production Index decreased 2 points (2.0 percent) from October 2013. The Food Commodities Index, at 111, decreased 8 points (4.7 percent) from last month but increased 5 points (4.7 percent) from October 2013.

### Prices Received by Farmers, October 2014

Commodity	Michigan			United States		
	Oct 2013 <sup>1</sup>	Sep 2014 <sup>1</sup>	Preliminary Oct 2014 <sup>2</sup>	Oct 2013 <sup>1</sup>	Sep 2014 <sup>1</sup>	Preliminary Oct 2014 <sup>2</sup>
Beans, dry edible .....dollars/cwt	42.40	36.00	(D)	41.00	32.90	31.10
Corn .....dollars/bu	4.46	3.55	3.30	4.63	3.48	3.28
Hay, alfalfa .....dollars/ton	185.00	170.00	165.00	193.00	197.00	194.00
Hay, other .....dollars/ton	150.00	130.00	125.00	139.00	129.00	125.00
Oats .....dollars/bu	3.25	3.33	(D)	3.49	3.20	3.06
Potatoes.....dollars/cwt	10.90	(D)	(D)	7.96	7.70	7.32
Soybeans .....dollars/bu	12.40	11.20	9.70	12.50	10.90	9.64
Wheat, winter .....dollars/bu	6.76	5.57	5.55	7.07	5.71	5.53
Milk, all .....dollars/cwt	21.00	26.20	26.20	20.90	25.70	25.30

<sup>1</sup> Entire month weighted average price.

<sup>2</sup> Mid-month price.

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Chickens and Eggs

All layers in Michigan totaled 12.8 million during September, up 1 percent from a year ago. Egg production totaled 322 million eggs, up 3 percent from last year. The rate of lay during September was 2,508 eggs per 100 layers. On October 1 in the East North Central Region, which includes Michigan, Illinois,

Indiana, Ohio, and Wisconsin, there were 9.5 million egg-type eggs in incubators, up 24 percent from a year earlier. In the same region, there were 13.3 million broiler-type eggs in incubators, up 4 percent from the previous year. There were 22.9 million turkey poult hatchlings in the U.S. in September.

### Egg and Hatchery Production, September 2014

Item	Unit	2013	2014	Percent Change
<b>Michigan</b>				
All layers	Thou	12,751	12,841	1
Eggs per hundred layers	Num	2,455	2,508	2
Eggs produced	Mil	313	322	3
<b>East North Central Region</b>				
Eggs in incubators, Oct 1				
Egg-type	Thou	7,661	9,463	24
Broiler type	Thou	12,721	13,291	4
<b>U.S.</b>				
All Layers	Thou	350,924	358,001	2
Eggs per hundred layers	Num	2,271	2,261	0
Eggs produced	Mil	7,969	8,093	2
Turkey Eggs in incubators, Oct 1	Thou	26,480	27,733	5
Turkey Poults hatched, Sep	Thou	20,985	22,866	9

## November Crop Production

This report is based on conditions as of November 1, 2014. Some highlights of the Crop Production Report follow:

- Corn yield decreased one bushel from last month to 166 bushels per acre. If realized, this will be a record high yield for Michigan. Corn for grain harvested acres was 2.19 million acres, unchanged from last month. The Michigan corn crop was 31% harvested as of November 2, twenty percentage points behind the five year average. A wet October has led to delays in harvesting after a very good growing season weather wise.
- Soybean yield at 45.0 bushels per acre was down one bushel from last month's forecast. Soybean harvest was also running behind the five year average. As of November 2, about 71% of the soybeans had been harvested, compared to a five-year average of 83%.
- The Michigan sugarbeet yield of 29.9 tons per acre is down slightly from last month. As of November 2, harvest was 74% complete; nine percentage points ahead of average.
- Corn production is forecast at 14.4 billion bushels, down slightly from the previous forecast, but up 3 percent from 2013. Based on conditions as of November 1, yields are expected to average 173.4 bushels per acre, down 0.8 bushel from the previous forecast but 14.6 bushels above the 2013 average. If realized, this will be the highest yield and production on record for the United States. Area harvested for grain is forecast at 83.1 million acres, unchanged from the previous forecast but down 5 percent from 2013.
- Soybean production is forecast at a record 3.96 billion bushels, up less than 1 percent from October and up 18 percent from last year. Based on November 1 conditions, yields are expected to average a record high 47.5 bushels per acre, up 0.4 bushel from last month and up 3.5 bushels from last year. Area for harvest in the United States is forecast at a record 83.4 million acres, unchanged from last month.

## Red Meat Production

Commercial red meat production in Michigan totaled 37.9 million pounds in September, down 0.1 million pounds from September 2013.

Commercial red meat production for the United States totaled 3.96 billion pounds in September, up 1 percent from the 3.94 billion pounds produced in September 2013.

Beef production, at 2.07 billion pounds, was slightly below the previous year. Cattle slaughter totaled 2.53 million head, down 3 percent from September 2013. The average live weight was up 31 pounds from the previous year, at 1,344 pounds.

Veal production totaled 7.2 million pounds, 16 percent below September a year ago. Calf slaughter totaled 42,300 head, down 33 percent from September 2013. The average live weight was up 57 pounds from last year, at 291 pounds.

Pork production totaled 1.87 billion pounds, up 2 percent from the previous year. Hog slaughter totaled 8.83 million head, down 2 percent from September 2013. The average live weight was up 10 pounds from the previous year, at 283 pounds.

Lamb and mutton production, at 12.3 million pounds, was up 5 percent from September 2013. Sheep slaughter totaled 191,900 head, 4 percent above last year. The average live weight was 128 pounds, up 2 pounds from September a year ago.

January to September 2014 commercial red meat production was 35.1 billion pounds, down 4 percent from 2013. Accumulated beef production was down 6 percent from last year, veal was down 13 percent, pork was down 1 percent from last year, and lamb and mutton production was down slightly.

### Michigan Commercial Slaughter, September 2014

Species	Number slaughtered		Total live weight		Average live weight	
	2013	2014	2013	2014	2013	2014
	(1,000 head)	(1,000 head)	(1,000 pounds)	(1,000 pounds)	(Pounds)	(Pounds)
Cattle	44.3	42.1	59,501	57,381	1,352	1,370
Calves	0.1	0.1	20	42	308	293
Hogs	12.9	15.0	4,979	6,007	385	401
Sheep	15.6	17.2	1,956	2,311	125	135

### Acres by Crop, Michigan and United States: 2012-2014

Commodity	Michigan			United States		
	2012	2013	2014	2012	2013	2014
Corn, all						
Planted ..... 1,000 acres	2,700	2,600	2,500	97,291	95,365	90,885
Corn, grain						
Harvested ..... 1,000 acres	2,380	2,250	2,190	87,365	87,668	83,097
Yield ..... Bushels	132.0	155.0	166.0	123.1	158.8	173.4
Production ..... 1,000 bu	314,160	348,750	363,540	10,755,111	13,925,147	14,407,420
Soybeans						
Planted ..... 1,000 acres	2,000	1,930	2,200	77,198	76,840	84,184
Harvested ..... 1,000 acres	1,990	1,920	2,190	76,144	76,253	83,403
Yield ..... Bushels	43.0	44.5	45.0	40.0	44.0	47.5
Production ..... 1,000 bu	85,570	85,440	98,550	3,042,044	3,357,984	3,958,272
Sugarbeets						
Planted ..... 1,000 acres	154	154	151	1,230	1,198	1,162
Harvested ..... 1,000 acres	153	153	150	1,204	1,154	1,146
Yield ..... Tons	29.0	26.2	29.9	29.3	28.4	27.4
Production ..... 1,000 tons	4,437	4,009	4,485	35,224	32,813	31,392

## September Milk Production

Dairy herds in Michigan produced 790 million pounds of milk during September, up 6.9 percent from September 2013. The daily rate per cow was 66.7 pounds, up 2 pounds from September 2013. The dairy herd was estimated at 395,000 head for September, up 14,000 head from a year earlier. The average price of milk sold in September by Michigan dairy producers was \$26.20 per cwt., \$5.60 above the price in September 2013.

### Michigan Dairy Summary, September 2014

Item		2012	2013	2014
Cows	1,000 Hd	374	381	395
Milk per cow	Lb/day	64.3	64.7	66.7
Production	Mil lbs	722	739	790
Milk price, all	Dol/cwt	19.70	20.60	26.20
Fat test	Pct	3.60	3.64	3.63
Protein <sup>1</sup>	Pct	3.08	3.08	3.09

<sup>1</sup> FMO 33

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## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!